



J004 Rec'd PCT/PTO 03 JUN 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

In re Application of Lee et al
Serial No.: 10/070,119
Filed: 02/28/2002
Title: Nanochain of Bundled Carbon Molecules Useful
for Hydrogen Storage

Attorney Docket No.: WSR-24-PCT-US
Date: May 29, 2002
Art Unit: Unknown
Confirmation No.: Unknown

9-16-02

Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1. ☒ Attached hereto is:

- a. ☒ A list of materials for consideration per Rule 98(a)(1): 2 page(s)
- b. ☒ A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98(c) and/or (d) and as indicated on the attached list(s):
26 item(s)
- c. ☐ For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: _____
- ☐ Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

2. ☒ This Information Disclosure Statement is being filed [CHECK ONE]:

- a. ☒ WITHIN THREE MONTHS of the application filing date, national stage date of entry, or along with or after a request for continued examination, OR BEFORE the mailing date of a first Office Action on the merits, which ever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
- b. ☐ AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
- i. ☐ Certification per Rule 97(e); OR
- ii ☐ Filing Fee per Rule 17(p)\$180.00
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- i. Certification per Rule 97(e); AND
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3. ☐ Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:

- a. ☐ That each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
- b. ☐ That no item of information contained in this Information Disclosure Statement was first cited in a foreign patent office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

CERTIFYING PARTY (if different from bottom signature; omission here indicates that certification is being made by signer per signature below).

Name: _____ Signature: _____
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Date: May 29, 2002



(Rev. 5/92) Information Disclosure Statement List By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number WSR-24-PCT-US	Serial Number 10/070,119
	Applicant Lee et al	
	Filing Date 02/28/2002 Confirmation No. Unknown	Group Unknown

NOTE:

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USPN _____, filed _____;
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- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
	Biehl	3	2	7	4	0	9	7	09/1966	
	Milewski et al	3	8	0	8	0	8	7	04/1974	
	Torobin	4	3	0	3	7	3	1	12/1981	
	Derbyshire et al	4	4	0	4	1	7	7	09/1983	
	Tennent	4	6	6	3	2	3	0	05/1987	
	Baker et al	5	1	4	9	5	8	4	09/1992	
	Tennent et al	5	1	6	5	9	0	9	11/1992	
	Struthers	5	3	6	6	8	2	8	11/1994	
	Schwarz et al	5	3	8	5	8	7	6	01/1995	
	Baker et al	5	4	5	8	7	8	4	10/1995	
	Schwarz et al	5	6	1	4	4	6	0	03/1997	
	Rodriguez et al	5	6	5	3	9	5	1	08/1997	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	TRANSLATION			COPY NOTE
				YES	NO	N/A	

*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER INITIALS	OTHER DOCUMENTS		COPY NOTE
	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication		
	PCT Search Report, PCT/US00/23805, pp. 1-3	19 Dec 2000; EPO, The Netherlands	
	Derbyshire et al, "Graphite Formation by the Dissolution-Precipitation of Carbon in Cobalt, Nickel and Iron", <i>Carbon</i> 1975, Vol. 13, pp 111-113	1975, Great Britain	
	Rodriguez, "A review of catalytically grown carbon nanofibers", Commentaries and Reviews, <i>J. of Materials Research</i> , Vol. 8, No. 12, pp 3233-3250	December, 1993, United States	
EXAMINER	DATE CONSIDERED		
Examiner:	initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.		

(Rev. 5/92) Information Disclosure Statement List By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number WSR-24-PCT-US	Serial Number 10/070,119
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 - (4) No legible complete copy is possessed, in custody of controlled, or readily available

U.S. PATENT DOCUMENTS										
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
	Robinson et al	5	7	4	4	4	2	1	04/1998	
	Okui et al	5	7	8	7	6	0	5	08/1998	
	Schulz et al	5	8	3	7	0	3	0	11/1998	
	Schwarz et al	5	8	3	7	7	4	1	11/1998	
	Robinson et al	5	8	4	6	6	3	9	12/1998	
	McAlister	6	0	1	5	0	6	5	01/2000	

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				YES	NO	N/A				

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EXAMINER INITIALS	OTHER DOCUMENTS		COPY NOTE
	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication		
	Nolan, et al, "Hydrogen Control of Carbon Deposit Morphology", <i>Carbon</i> , Vol. 33, No. 1, pp 79-85	1995, Great Britain	
	Okuyama et al; "Vapor-grown atomic filaments of grahpite, <i>Applied Physics Letters</i> , Vol. 76, No. 2, pp 161-163	10 January 2000, United States	
	Fan et al, "The influence of preparation parameters on the mass production of vapor-grown carbon nanofibers", <i>Carbon</i> 38, (2000) pp 789-795	2000, Great Britain	
	Ci et al, "Preparation of carbon nanofibers by the floating catalyst method", <i>Carbon</i> 38 (2000) pp. 1933-1937	2000, Great Britain	
	Chambers et al, "Hydrogen Storage in Graphite Nanofibers", <i>Letters, J of Physical Chemisty</i> , Vol. 102, No. 22, pp. 4253-4256	May 28, 1998, United States	

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